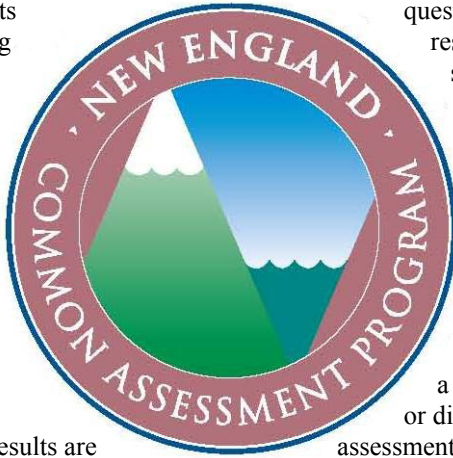


# About The New England Common Assessment Program

This report highlights results from the Spring 2012 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program.



NECAP science test results are used primarily for program evaluation, school improvement and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9-11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

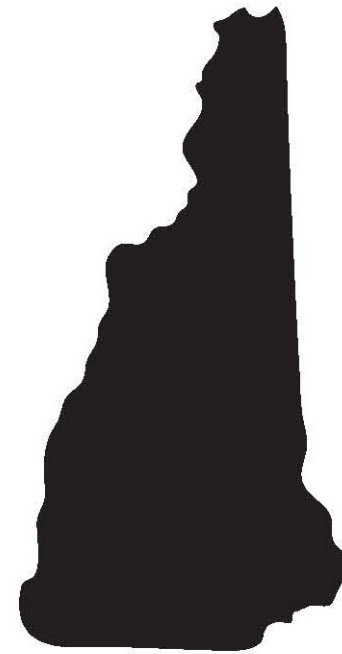
Each test contains a mix of multiple-choice and constructed-response

questions. Constructed-response questions require students to develop their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation.

This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP

science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2012 Grade 8 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2012 - Grade 8 NECAP Science Test

## Grade Level Summary Report

State: New Hampshire

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2011-12 school year, students who withdrew from the school after May 7, 2012, students who enrolled in the school after

May 7, 2012, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP	Number			Percentage		
	School	District	State	School	District	State
<b>Students enrolled on or after May 7</b>			<b>15,117</b>			<b>100</b>
<b>Students tested</b>	Science			Science		
With an approved accommodation			14,878			98
			2,278			15
Current LEP Students			310			2
With an approved accommodation			137			44
IEP Students			2,146			14
With an approved accommodation			1,403			65
<b>Students not tested in NECAP</b>			<b>239</b>			<b>2</b>
State Approved			151			63
Alternate Assessment			131			87
Withdrew After May 7			0			0
Enrolled After May 7			0			0
Special Consideration			20			13
Other			88			37

### NECAP RESULTS

	State																								
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	%	N	%	N	%	N	%	N		%	%	%	%	N		%	%	%	%		
	SCIENCE	15,117	151	88	14,878	142	1	4,578	31	7,340	49	2,818	19	836											

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



# Spring 2012 - Grade 8 NECAP Science Test

State: New Hampshire

## Science Results

### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

(Scaled Score 855–880)

### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

(Scaled Score 840–854)

### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

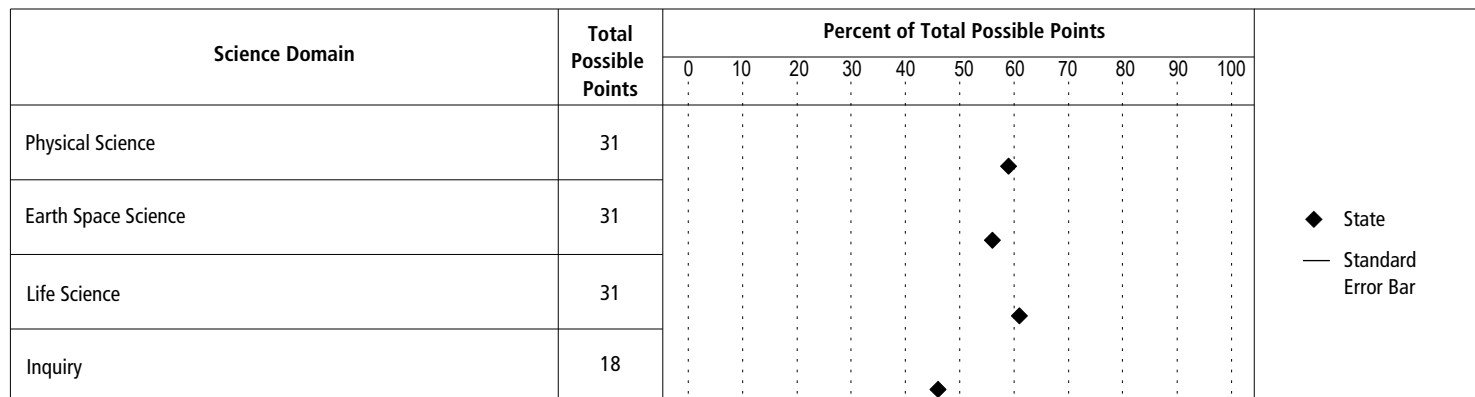
(Scaled Score 829–839)

### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

(Scaled Score 800–828)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2009-10													
2010-11													
2011-12													
Cumulative Total													
<b>District</b>													
2009-10													
2010-11													
2011-12													
Cumulative Total													
<b>State</b>													
2009-10	15,531	182	63	15,286	66	<1	4,083	27	7,902	52	3,235	21	835
2010-11	15,416	167	74	15,175	76	1	4,044	27	7,915	52	3,140	21	835
2011-12	15,117	151	88	14,878	142	1	4,578	31	7,340	49	2,818	19	836
Cumulative Total	46,064	500	225	45,339	284	1	12,705	28	23,157	51	9,193	20	835





# Spring 2012 - Grade 8 NECAP Science Test

## Disaggregated Science Results

State: New Hampshire

REPORTING CATEGORIES	State																		
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%	
All Students	15,117	151	88	14,878	142	1	4,578	31	7,340	49	2,818	19	836						
Gender																			
Male	7,793	96	51	7,646	67	1	2,412	32	3,650	48	1,517	20	835						
Female	7,322	55	37	7,230	75	1	2,166	30	3,690	51	1,299	18	836						
Not Reported	2	0	0	2															
Race/Ethnicity																			
Hispanic or Latino	661	5	8	648	3	<1	89	14	259	40	297	46	829						
Not Hispanic or Latino																			
American Indian or Alaskan Native	49	0	0	49	0	0	11	22	28	57	10	20	834						
Asian	362	0	1	361	7	2	142	39	157	43	55	15	837						
Black or African American	325	1	4	320	0	0	43	13	132	41	145	45	829						
Native Hawaiian or Pacific Islander	9	1	0	8															
White	13,514	144	72	13,298	129	1	4,221	32	6,674	50	2,274	17	836						
Two or more races	195	0	3	192	3	2	69	36	87	45	33	17	837						
No Race/Ethnicity Reported	2	0	0	2															
LEP Status																			
Current LEP student	315	3	2	310	0	0	6	2	93	30	211	68	824						
Former LEP student - monitoring year 1	23	0	0	23	0	0	2	9	19	83	2	9	834						
Former LEP student - monitoring year 2	29	0	0	29	0	0	8	28	10	34	11	38	832						
All Other Students	14,750	148	86	14,516	142	1	4,562	31	7,218	50	2,594	18	836						
IEP																			
Students with an IEP	2,320	137	37	2,146	3	<1	119	6	890	41	1,134	53	828						
All Other Students	12,797	14	51	12,732	139	1	4,459	35	6,450	51	1,684	13	837						
SES																			
Economically Disadvantaged Students	3,964	53	37	3,874	6	<1	551	14	1,902	49	1,415	37	831						
All Other Students	11,153	98	51	11,004	136	1	4,027	37	5,438	49	1,403	13	837						
Migrant																			
Migrant Students	1	0	0	1															
All Other Students	15,116	151	88	14,877	142	1	4,578	31	7,340	49	2,817	19	836						

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

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